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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/777,957 | 02/13/2004 | Paul Shirley | 303.774US2 | 7102 |

21186 7590 11/10/2005

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH
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121 SOUTH EIGHT STREET
MINNEAPOLIS, MN 55402

| EXAMINER |
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CARRILLO, BIBI SHARIDAN

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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1746

DATE MAILED: 11/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

18

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|---|--------------------------------------|---------------------------------------|--|
| Advisory Action Before the Filing of an Appeal Brief | Application No. 10/777,957 | Applicant(s) SHIRLEY ET AL. | |
| | Examiner Sharidan Carrillo | Art Unit 1746 | |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 31 October 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
 b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) ☐ They raise the issue of new matter (see NOTE below);
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. ☐ Applicant's reply has overcome the following rejection(s): _____.
 6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. ☐ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
 The status of the claim(s) is (or will be) as follows:
 Claim(s) allowed: _____.
 Claim(s) objected to: _____.
 Claim(s) rejected: _____.
 Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
 12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____.
 13. ☐ Other: _____.

SHARIDAN CARRILLO
 PRIMARY EXAMINER

[Signature]

Sharidan Carrillo
 Primary Examiner
 Art Unit: 1746

Continuation of 11. does NOT place the application in condition for allowance because: Applicant argues that one would not modify the reference of Shuiji to include vacuuming the contaminants through the cleaning head assembly because the reference teaches jetting acetone and nitrogen gas. Applicant argues that such a modification would destroy the teaching of the Shuiji reference. Applicant's arguments are unpersuasive because the examiner is not suggesting amending acetone and nitrogen gas of the Shuiji reference. The examiner is suggesting adding a vacuuming means in order to further remove contaminants from the chuck surface. Shuiji teaches scrubbing the chuck surface and further removing contaminants. The modification of Shuiji to include a vacuum means would further enhance the removal of contaminants and therefore such a modification would not destroy the teachings of the primary reference. Applicant argues the improper combination of Shuiji in view of Madea. Specifically, applicant argues that Madea et al teach cleaning a gas manifold in comparison to Shuiji, and therefore there would be no motivation to combine the teachings of the reference. Applicant's arguments are unpersuasive because both references are directed to cleaning a substrate surface by scrubbing. Applicant argues that Shuiji fails to teach the limitations of claim 55. Shuiji teaches cleaning the wafer chuck. The secondary reference of Madea et al. is relied upon to teach removing contaminants by vacuuming contaminants through the cleaning surface (i.e. brush). In reference to claims 34-42, applicant maintains the same arguments, which have been already been addressed. .

11/9/06